II. REMARKS

A. The Amendment

In order to comply with sequence listing requirements, the applicants have amended claim 20

to include sequence identification number for DNA sequence. The Sequence Listing is

presented on separately numbered pages.

B. Submission of Computer Readable Form of Sequence Listing

Enclosed herewith is a 3.5 inch computer diskette containing a copy of the enclosed Sequence

Listing in ASCII text.

C. Statements to Comply With Sequence Listing Rules

In compliance with 37 C.F.R. § 1.821(f), the applicants' undersigned attorney hereby states

the content of the paper and computer readable copies of the substitute Sequence Listing

submitted herewith are the same. In accordance with 37 C.F.R. § 1.821(g), the applicants'

undersigned attorney also hereby states that the substitute Sequence Listing submitted

herewith does not add new matter to the application.

III. CONCLUSION

In view of the amendment and remarks above, the applicants submit that they have now fully

complied with all sequence listing rules. The applicants believe that no fee is required for the

consideration of entry and consideration of this amendment/response. However, if the Patent

Office determines that a fee is necessary for the consideration, the fee may be charged to our

Deposit Account No. 03-3975 under Order No. 098501-0217506.

Respectfully submitted,

PILLSBURY WINTHROP LLP

 $\mathbf{R}\mathbf{v}$

- 2 -

Thomas A. Cawley, Jr., Ph.D.

Registration No. 40,944

Direct No.: 703-905-2144

PO Box 10500

McLean, VA 22102

Telephone: 703-905-2000

Facsimile: 703-905-2500

TAC\amx